

2. (Amended) A stabilizing device for stabilizing a slit fluid jet having surfaces, said stabilizing device comprising:

a first flat plate; and

a second flat plate, wherein

said first flat plate and said second flat plate oppose each other with a prescribed gap in between,

said first flat plate has an opposing surface that is smooth, and

said second flat plate has a network structure with a plurality of crossed grooves that are crossed like a letter x.

3. (Amended) A stabilizing device according to claim 2, wherein at an outlet of said network structure, said plurality of crossed grooves are disposed such that fluids passing therethrough are merged.

4. (Twice Amended) A stabilizing device according to claim 2, wherein at a back of where said plurality of crossed grooves cross each other a detouched vortex occurs, and a length between the detouched vortex and a point to where the detouched vortex has been shifted is equal to or greater than a length of one side of a diamond-shaped protruding portion that is formed by at least a portion of said plurality of crossed grooves.

5. (Amended) A stabilizing device according to claim 3, wherein at a back of where said plurality of crossed grooves cross each other a detouched vortex occurs, and a length between the detouched vortex and point to where the detouched vortex has been shifted is equal to or greater than a length of one side of a diamond-shaped protruding portion that is formed by at least a portion of said plurality of crossed grooves.